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PTO/SB/08A (08-00)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
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Sheet

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of

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Complete If Known

Application Number	10/581,667
Filing Date	June 5, 2006
First Named Inventor	Taichi Majima
Group Art Unit	2611
Examiner Name	Lihong Yu
Attorney Docket Number	0670-7075

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
/L.Y./	2009/0202065	Majima		08/13/2009		
/L.Y./	2005/0047323	Clarkson et al.		03/03/2005		
/L.Y./	4,047,151	Rydbock		09/06/1997		
/L.Y./	2007/0160163	Majimia		07/12/2007		
/L.Y./	4,888,799	Mobley		12/19/1989		
/L.Y./	2003/0039229	Ostman		02/27/2003		
/L.Y./	5,835,508	Kushita		11/10/1998		
/L.Y./	2003/0167425	Bader et al.		09/04/2003		
/L.Y./	2002/0040460	Choi et al.		04/04/2002		

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴				
/L.Y./	JP 2003-143243				05/16/2003		Abst.
/L.Y./	JP 2004/200972				07/15/2004		Mach Trans
/L.Y./	JP 63-174445				07/18/1988		Abst.
/L.Y./	CN 1278379				12/27/2000		US Equiv.
/L.Y./	EP 0 727 891				08/21/1996		Eng.
/L.Y./	WO 1997/033402				09/12/1997		Eng.
/L.Y./	WO 2001/026236				04/12/2001		Eng.
/L.Y./	JP 63-172535				07/16/1988		Abst.
/L.Y./	JP 2003-158502				05/30/2003		Mac. Trans.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/L.Y./		Office Action (Application Serial No. 11/663,552) dated December 16, 2009.	Eng.
/L.Y./		Office Action (Application Serial No. 11/663,552) dated June 10, 2010.	Eng.
/L.Y./		Office Action (Application Serial No. 11/663,552) dated October 20, 2010	Eng.
/L.Y./		Office Action (Application Serial No. 11/663,552) dated February 28, 2011.	Eng.

Examiner Signature	/Lihong Yu/	Date Considered	12/05/2011
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/L.Y./		International Search Report (PCT/JP2004/019721) dated March 1, 2005.	None
/L.Y./		Notification of Transmittal of Copies of Translation of the International Preliminary Report on Patentability (PCT/JP2004/019721) dated August 31, 2006.	Eng.
/L.Y./		Supplementary European Search Report (Application No. 04808071.7) dated January 30, 2008.	Eng.
/L.Y./		Written Notification of Reason for Refusal (JP 2003-435638) dated April 1, 2008.	Eng.
/L.Y./		Morimoto, et al., "A Study on a Hierarchical Image Transmission System in a Rayleigh Fading Channel." Department of Communications Engineering, Faculty of Engineering, Osaka University Institute of Electronics, Information Communication Engineers (IEICE), Volume 96, No. 49, May 21, 1996, Pages 33-38.	Abst.
/L.Y./		Office Action (U.S. Application No. 10/582,615) dated March 18, 2009.	Eng.
/L.Y./		Office Action (U.S. Application No. 10/582,615) dated September 22, 2009.	Eng.
/L.Y./		Office Action (U.S. Application No. 10/582,615) dated January 14, 2010.	Eng.
/L.Y./		Office Action (U.S. Application No. 10/582,615) dated February 17, 2010.	Eng.
/L.Y./		Office Action (U.S. Application No. 10/582,615) dated September 7, 2010.	Eng.
/L.Y./		Office Action (U.S. Application No. 12/420,313) dated July 30, 2010.	Eng.
/L.Y./		Office Action (U.S. Application No. 12/420,313) dated December 2, 2010.	Eng.
/L.Y./		European Search Report (Application No. 09005333.1) dated June 19, 2009.	Eng.
/L.Y./		Office Action (Application No. 12/419,559) dated March 12, 2010.	Eng.
/L.Y./		Office Action (Application No. 12/419,559) dated September 14, 2010.	Eng.
/L.Y./		Office Action (Application No. 12/419,559) dated March 18, 2011.	Eng.

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/L.Y./	2003/0206602	Yamamoto	11/06/2003*		
/L.Y./	2009/0202066	Majima	08/13/2009		
/L.Y./	2009/0193309	Majima	07/30/2009		
/L.Y./	4,534,040	Thapar	08/06/1985		
/L.Y./	4,616,702	Hanson et al.	10/14/1986		
/L.Y./	6,232,906	Tada	05/15/2001		
/L.Y./	2007/0160163	Majima	07/12/2007		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/L.Y./		International Search Report (Application No. PCT/JP 2005/018492) dated January 24, 2006.	None
/L.Y./		Notification of Translation of Copies of Translation of International Preliminary Report on Patentability (Application No. PCT/JP 2005/018492) dated June 28, 2007.	Eng.
/L.Y./		Office Action (JP 2004-287157) dated April 6, 2010.	Eng.
/L.Y./		JP 05-284147 Machine Translation	Eng.
/L.Y./		HARRIS, et al., "The ABCs of Linear Block Codes," IEEE Signal Processing Magazine, July 2004, Pages 14-35.	Eng.
/L.Y./		PARKER, "Computer Crime: Criminal Justice Resource Manual," U.S. Department of Justice, Office of Justice Programs, August 1989, Pages 1-223.	Eng.

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